Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 30 Jan 2022 until 23:59 on Monday 31 Jan 2022

Forecast Issued on Sunday 30 Jan 2022 at 02:52

Confidence: High for unsettled and very windy with freezing level changeable, but lowering confidence for the detail of timings and durations of worst conditions.

Headline for Sunday 30 Jan 2022: Fair start. Hill fog, rain, summit snow and severe gales developing later.

Mountain weather hazards on Sunday 30 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Cloudy	Cloudy	Sleet	Light rain
Precipitation probability					
00%	<05%	10%	20%	80%	30%

Forecast for Sunday 30 Jan 2022

Weather: Dry through Sunday morning with some brighter spells. Cloud thickening from the west from mid-day, to bring outbreaks of rain from around late afternoon, snow likely across highest peaks. Turning heavy and persistent for a time early evening, before clearing to scattered showers mid to late evening.

Chance of cloud-free hill tops above 600m: 90% becoming 20% late afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in rain, also briefly in later showers, very poor in snow and only a few metres in cloud with bases quite extensive in rain from 500m, sporadically so in later showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Sunday 30 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 SW	6/8 SW	13/18 SW	20/28 SW	26/37 SW	34/48 W	35/50 W
300	4/6 SW	4/5 S	11/16 SW	15/23 SW	21/31 SW	27/43 W	27/43 W
Valley	2/5 S	3/6 SE	8/14 SW	10/20 SW	13/30 SW	21/42 W	21/44 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-2	1/-2	1/-4	2/-4	2/-5	2/-5	1/-7
300	2/0	2/0	4/0	4/0	4/-1	5/-1	4/-3
Valley	1/-0	2/0	5/2	5/2	5/1	6/0	4/-1
Freezing Level*	500m	500m	600m	700m	900m	900m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions later with summit severe gale force winds and cloud shrouding higher slopes and summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 30 Jan 2022	1.4mm	1.6mm	5.8mm

Forecast for Monday 31 Jan 2022

Weather: Isolated showers and brighter spells for much of the day, then cloud thickening from the west during the afternoon, bringing periods of rain for the evening, occasionally sleety around highest tops.

Maximum wind: West or northwest beginning mean 30-35mph with gusts to 50mph possible across most exposed ridges and summits, gradually decreasing through the day.

Chance of cloud-free hill tops above 600m: 90% becoming 10% late afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in showers and later rain, very poor in snow and only a few metres in cloud with bases infrequently lowering 500m in showers, becoming widespread in later rain.

Temperature: **Valleys:** Plus 1 degrees Celsius becoming plus 9 degrees Celsius during the afternoon
At 600m: Plus 1 degree Celsius
Freezing level: Around 700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.